BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name Of Work :- Detailed Estimate for Maintenance & Repairs to Existing Park Lightings, etc to the existing Installation in Parks at Yelahanka Constituency

Budget Head .....

Division No..... Estimate No. ..... For Rs.= 400000.00

Sl. No.	Description of Work	Qty.	Rate Rs. Ps.	Unit	Amount
1	Digging of Pits 1.8 mtr depth for errection of 9 to 10mtr Long Steel/RCC/PSC supports as per approved Drawing.Ordinary Soil	8	378.00	Nos	3024.00
2	Pole concreting with CC 1:2:4 (without coping) f) 8mtrs support (400x400x1500mm)	8	982.00	Nos	7856.00
3	Any Dismantling work 90% of the corresponding erection charges(304x90%=273.6)	8	273.60	Nos	2188.80
4	Transporting and erecting of 3.5 Mtrs long Swged Tubelor park poles including Digging of pit 45x45x100cms & providing 1:2:4 concrete of size 35x35x130 cms Including coping as per the detaild enclosed civil estimate & drawimg	8	972.00	Nos	7776.00
5	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and waqshers etc.. Group A, PWD Elec SR 2006-07.32 / 9	5	4200.00	Each	21000.00
6	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM KPWD ELE SR 2014-15	100	143.00	Per Mtr	14300.00
7	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	100	10.30	Per Mtr	1030.00
8	B. Work to be carried out as per requirement & actuals and as per the direction of the in charge engineer, Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/looting of the pole.a)5 mtr pole 72/13.17.1	10	550.00	Each	5500.00
9	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.26/5.14.1	5	4530.00	Each	22650.00
10	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.100-125Amps26/5.13.4	5	7200.00	Each	36000.00
11	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63Amps TPN 5.17.9	10	2397.00	Each	23970.00
12	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. KPWD ELE SR Page-24/5.7.3 100Amps	15	349.00	Each	5235.00
13	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm40/6.4.4	650	150.00	Mtrs	97500.00
14	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	650	30.00	Mtrs	19500.00
15	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.41/6.6.1	600	76.00	Mtrs	45600.00

16	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG KPWD ELE SR Page-30/5.42.2	150000	0.35	sq.cms	52500
17	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.6 sqmm 6/2.3.3	70	70.00	Mtrs	4900.00
18	GST 12% ON item 8 to 17				29118.00
19	Misleniuos				352.20
	Total Rs				400000.00

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on AR/2019-20 / , BESCOM SR approved rates

K.R.N. Reddy
Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YELAHANKA DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 400000=00
RUPEES FOUR LAKHS ONLY
is accorded under P0298 M.AND R TO ELECTRICAL INSTALLATION IN PARKS AND GARDENS PLAY
Registered as 39/2019-20 Subject to conditions cont
No. BBMP/EE(E)E/42/AS/39/19-20
Dt 18-12-2019
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 400000=00
Rupees FOUR LAKHS ONLY
Under P0298 M AND R TO ELECTRI-CAL INSTALLATION IN PARKS
Registered as 26/2019-20
Subject to
enclosed papers BBMP/EE(E)E/42/AS/39/19-20
Dt. 18-12-2019
BBMP/EE(E)E/42/TS/26/19-20 sanctioned
Dated 18-12-2019 Rs 400000=00
Executive Engineer